

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operat or | Plura ls | Time Stamp       |
|-------|------|--|--|-------------------|----------|------------------|
| S64   | 59   | ((((heat near2 exchanger)or ((flow or fluid) with (channnel or pass or passage or conduit or way or tube))))same (hot near5 (compress\$3 or isostatic)) same (coat\$3 or layer or filler or filling) same ((reduc\$3 or minimiz\$3 or avoid\$3) same (porosity or pore or asperities or asperity or void or leak or leakproof\$3 or space))) | US-PGP UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR                | ON       | 2007/08/10 08:54 |
| S65   | 561  | ((((hot near5 (compress\$3 or isostatic)) or "HIP") same (coat\$3 or layer or filler or filling) same ((reduc\$3 or minimiz\$3 or avoid\$3) same (porosity or pore or asperities or asperity or void or leak or leakproof\$3 or space)))   | US-PGP UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR                | ON       | 2007/08/10 09:09 |
| S69   | 32   | ((((hot near5 (compress\$3 or isostatic)) or "HIP") same (ceramic near5 powder near5 (precursor or fluid or solution or medium or carrier)))   | US-PGP UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR                | ON       | 2007/08/10 10:09 |
| S70   | 20   | S69 and (porosity or pore or asperities or asperity or void or leak or leakproof\$3 or space)  | US-PGP UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN T;<br>IBM_TDB | OR                | ON       | 2007/08/10 09:53 |

## EAST Search History

|     |     |                 |  |    |    |                     |
|-----|-----|-----------------|--|----|----|---------------------|
| S73 | 882 | 228/193.ccls.   | US-PGP<br>UB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>09:48 |
| S74 | 408 | 228/245.ccls.   | US-PGP<br>UB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>09:48 |
| S75 | 306 | 228/118.ccls.   | US-PGP<br>UB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>09:48 |
| S76 | 366 | 228/262.1.ccls. | US-PGP<br>UB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>09:48 |
| S77 | 233 | 228/262.9.ccls. | US-PGP<br>UB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>09:48 |

## EAST Search History

|     |      |  |  |    |    |                     |
|-----|------|--|--|----|----|---------------------|
| S78 | 367  | 29/890.039.ccls.   | US-PGP<br>UB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB           | OR | ON | 2007/08/10<br>09:48 |
| S79 | 31   | 29/890.041.ccls.   | US-PGP<br>UB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB           | OR | ON | 2007/08/10<br>09:48 |
| S80 | 2507 | S73 or S74 or S75 or S76<br>or S77 or S78 or S79   | US-PGP<br>UB;<br>USPAT;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB           | OR | ON | 2007/08/10<br>09:48 |
| S84 | 2    | S80 and (((hot with<br>(compress\$3 or isostatic))<br>or "HIP") and ((ceramic<br>near5 powder) same<br>(precursor or fluid or<br>solution or medium or<br>carrier)))           | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>09:52 |
| S85 | 17   | "29"/\$.ccls. and (((hot with<br>(compress\$3 or isostatic))<br>or "HIP") and ((ceramic<br>near5 powder) same<br>(precursor or fluid or<br>solution or medium or<br>carrier))) | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>10:01 |

## EAST Search History

|     |    |   |  |    |    |                     |
|-----|----|---|--|----|----|---------------------|
| S86 | 15 | S85 and (porosity or pore or asperities or asperity or void or leak or leakproof\$3 or space)   | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>10:02 |
| S88 | 72 | "428"/\$.ccls. and (((hot with (compress\$3 or isostatic)) or "HIP") and ((ceramic near5 powder) same (precursor or fluid or solution or medium or carrier)))   | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>10:25 |
| S89 | 58 | S88 and (porosity or pore or asperities or asperity or void or leak or leakproof\$3 or space)   | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>10:02 |
| S93 | 26 | (((heat near2 exchanger)or ((laminat\$3 or laminar or strata or stratif\$3) near5 structure) or ((flow or fluid) near5 (channel or pass or passage or conduit or way or tube))) and ((hot near5 (compress\$3 or isostatic)) or "HIP") and ((ceramic near5 powder) near5 (precursor or fluid or solution or medium or carrier))) | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>10:50 |

## EAST Search History

|          |     |  |  |    |    |                     |
|----------|-----|--|--|----|----|---------------------|
| S95      | 3   | "165"/\$.ccls. and (((hot with (compress\$3 or isostatic)) or "HIP") and ((ceramic near5 powder) same (precursor or fluid or solution or medium or carrier)))  | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>10:32 |
| S99      | 442 | ((heat near2 exchanger)or ((laminat\$3 or laminar or strata or stratif\$3) near5 structure) or ((flow or fluid) near5 (channnel or pass or passage or conduit or way or tube))) and ((hot near5 (compress\$3 or isostatic)) or "HIP") and ((porous or void) near5 fiber))            | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>10:44 |
| S10<br>3 | 3   | ((heat near2 exchanger)or ((laminat\$3 or laminar or strata or stratif\$3) near5 structure) or ((flow or fluid or hollow) near5 (channnel or pass or passage or conduit or way or tube))) same ((hot near5 (compress\$3 or isostatic)) or "HIP") same ((porous or void) with fiber)) | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>10:47 |
| S10<br>4 | 115 | (braz\$3 near2 ("HIP" or (hot near2 (compression or isostatic or press\$3))))  | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>10:50 |

## EAST Search History

|          |    |  |  |    |    |                     |
|----------|----|--|--|----|----|---------------------|
| S10<br>5 | 42 | S104 and ((heat near2<br>exchanger)or ((laminat\$3<br>or laminar or strata or<br>stratif\$3) near5 structure)<br>or ((flow or fluid or hollow)<br>near5 (channel or pass<br>or passage or conduit or<br>way or tube))) | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR | ON | 2007/08/10<br>10:52 |
|----------|----|--|--|----|----|---------------------|

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operat or | Plura ls | Time Stamp          |
|-------|------|--|--|-------------------|----------|---------------------|
| L6    | 828  | ((("PVC" or "CVD" or ((physical or chemical) near2 vapor near2 deposit\$3) or sputter\$3) near5 ("HIP" or (hot near2 (press\$3 or isostatic))))))                              | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR                | ON       | 2007/08/12<br>10:07 |
| L7    | 208  | 6 and (graphite or "CFC" or "SiC")   | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR                | ON       | 2007/08/12<br>10:00 |
| L8    | 11   | 7 and ((heat near2 exchanger)or ((flow or fluid) near2 (channnel or pass or passage or conduit or way or tube)))   | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR                | ON       | 2007/08/12<br>10:02 |
| L9    | 14   | ((("PVC" or "CVD" or ((physical or chemical) near2 vapor near2 deposit\$3) or (plasma near2 sputter\$3)) near2 coat\$3 near2 ("HIP" or (hot near2 (press\$3 or isostatic)))))) | US-PGP<br>UB;<br>USPAT;<br>USOCR;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TDB | OR                | ON       | 2007/08/12<br>10:08 |